User Manual
SRL-6009C&SRC-241

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Introduction

Thank you for purchasing SRL-6009 C. This product is featured with color chase, fade of RGB LED, and operated via DMX, Sound Active, Auto. It will provide you splendid vision enjoyment.

● Specifications

Controller
Input Voltage ：AC120V 60Hz or AC230V 50Hz (Factory Set)
Power Consumption：100W
Voltage Output：DC 24V
Fuse：1A /250V
Lamp
Light Source: 12Lamps
LED Source per lamp: Red27, Green36, Blue18

Power Consumption per lamp：8W

Input Voltage Per Lamp：DC24V

Cooling Built-in Fan

Protection Rating：IP66

Size：Lamp L300*W300*H330 MM, ControllerL340*W246*H70 MM

● Mode
＊ DMX-512 control
＊ Auto , 15 built-in programs
＊ Sound Active

Safety Information

Read this manual before powering or installing the fixture. Follow the safety information listed below and observe all warnings in this manual. If you have any question about how to operate the fixture safely, please contact the dealer or Neo-Neon after service.
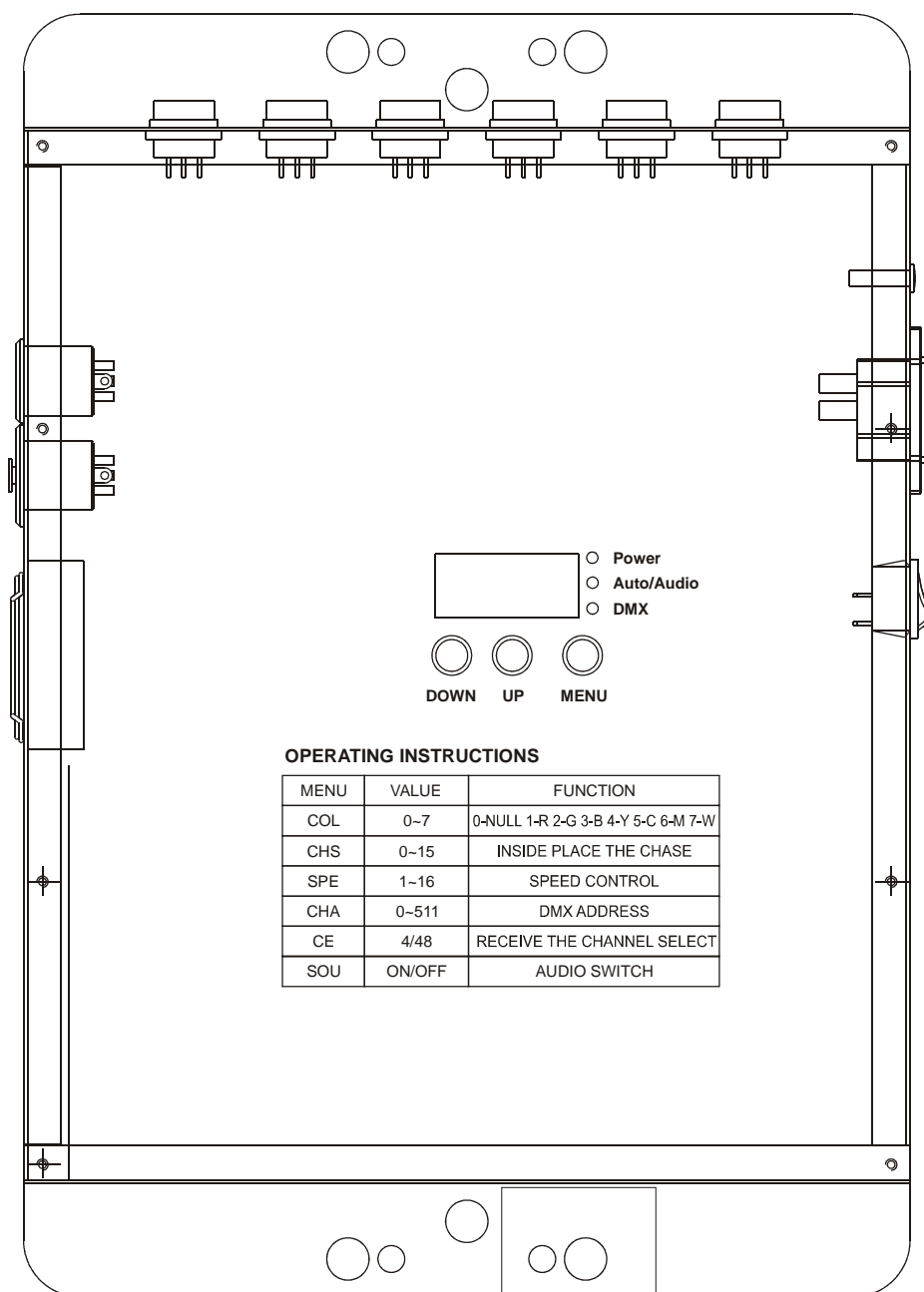
● Always ground earth electrically. And use only the power supply compliance with electrical code.

● Replace the fuse and the lamps with the same specified type.

● No spare parts are available. If needed, please contact the factory.

- Do not operate if the ambient temperature exceed 40℃.

- Do not power on **again** in less than 30 seconds after the power-off.

- If any problem, please contact the professionals or the technicians.
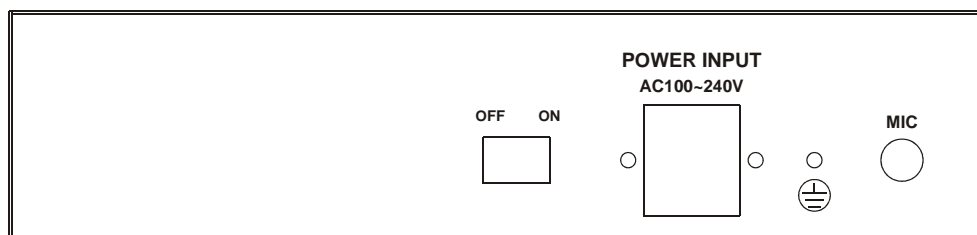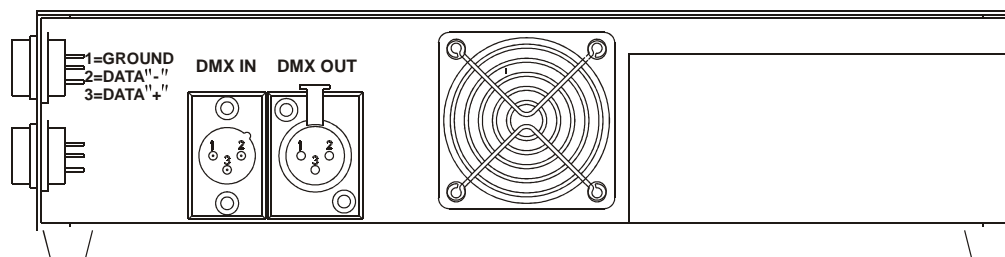
Panel Layout

● **Controller**

1. Front Panel

○ **Power**
○ **Auto/Audio**
○ **DMX**

DOWN　**UP**　**MENU**

OPERATING INSTRUCTIONS

MENU	VALUE	FUNCTION
COL	0~7	0-NULL 1-R 2-G 3-B 4-Y 5-C 6-M 7-W
CHS	0~15	INSIDE PLACE THE CHASE
SPE	1~16	SPEED CONTROL
CHA	0~511	DMX ADDRESS
CE	4/48	RECEIVE THE CHANNEL SELECT
SOU	ON/OFF	AUDIO SWITCH

2. Side Panel 1

POWER INPUT
AC100~240V

OFF ON

MIC

3. Side Panel 2

1=GROUND
2=DATA"-"
3=DATA"+"

DMX IN   DMX OUT

4. Side Connector for the lamps

11 9 7 5 3 1

12 10 8 6 4 2
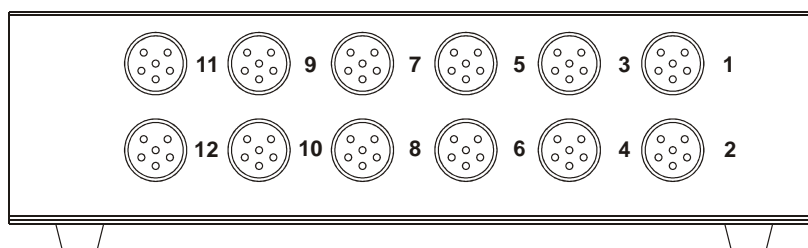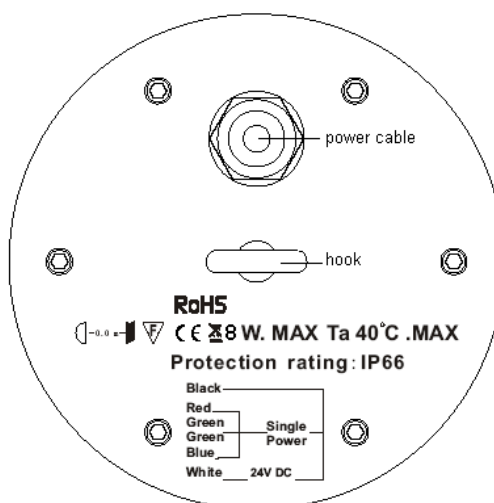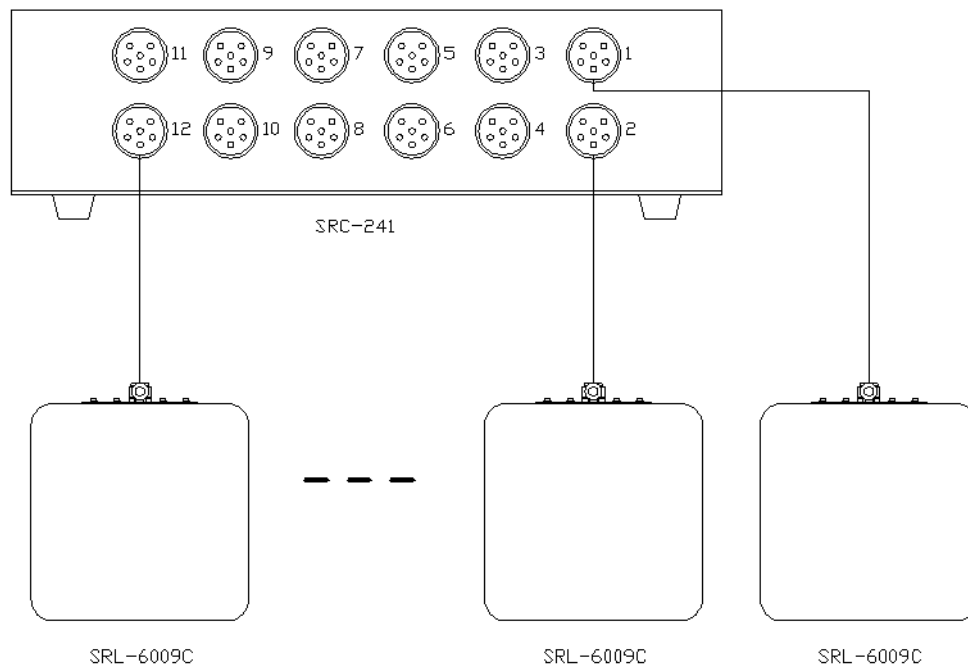
Note: The lamp is designed to operate with the controller. During the operation, the lamp should be tightly connected through the connector above. There are 12 connectors that can be used in your options.

● **Lamp**

power cable

hook

RoHS
C€ 8 W. MAX Ta 40°C .MAX
Protection rating：IP66

Black
Red
Green
Green
Blue
White

Single
Power

24V DC

4

Setup

Operation Instruction

Function：

♦ Auto：Built-in　15 Chase
♦ DMX：4–Channel or 48-Channel Control in options
♦ Sound Active

Button& Menu Display：

MENU　UP　DOWN

Menu Display：

Menu	Value	Details
COLOUR	0~7	0-NULL, 1-R, 2-G, 3-B, 4-Y, 5-C, 6-M, 7-W
CHS	0~15	Built-in CHASE
SPD	1~16	Speed Control
CHA	0~511	DMX Address
CE	4/48	Channels Selection
SOU	ON/OFF	Sound Active On/Off

Auto：

Via Auto Mode, the COLOUR Value presents the constant color. Sound Active valid only in
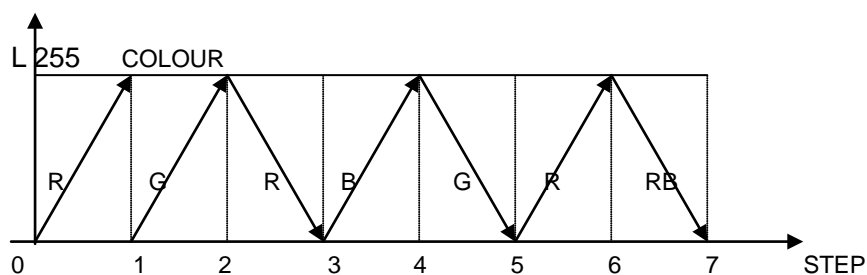
Auto Mode and control the Chase rhythm together with SPEED menu. Please refer the following chart for the chase program details.
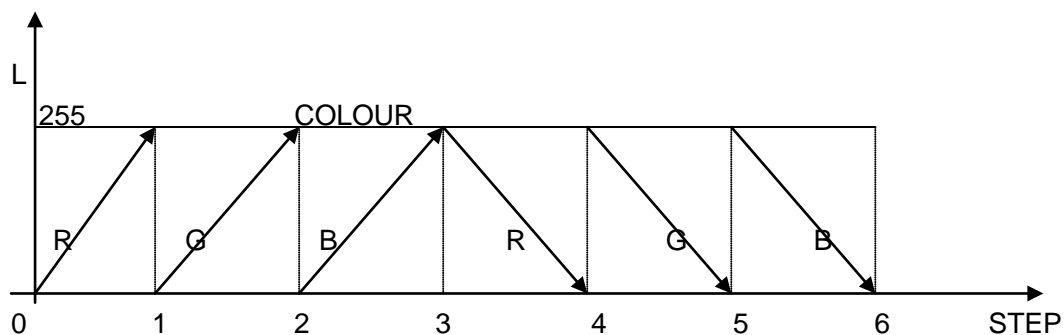
CHASE1：
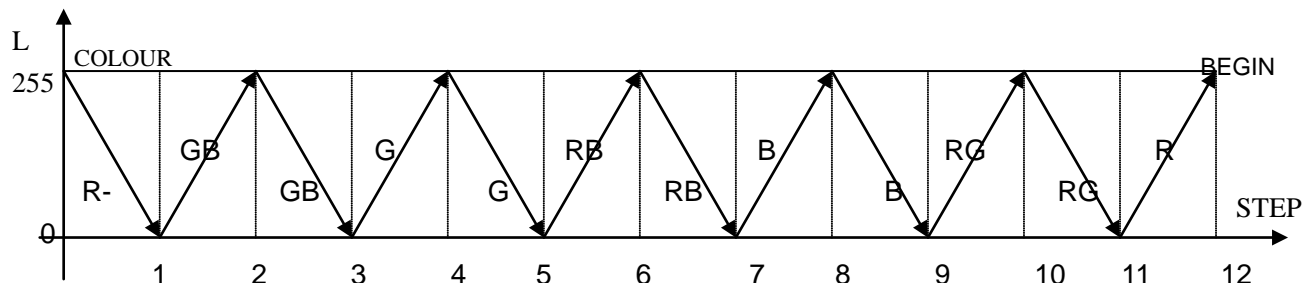
Explanation: All the lamps chase with fade effect in-sync.
                The Color value reaches the top.

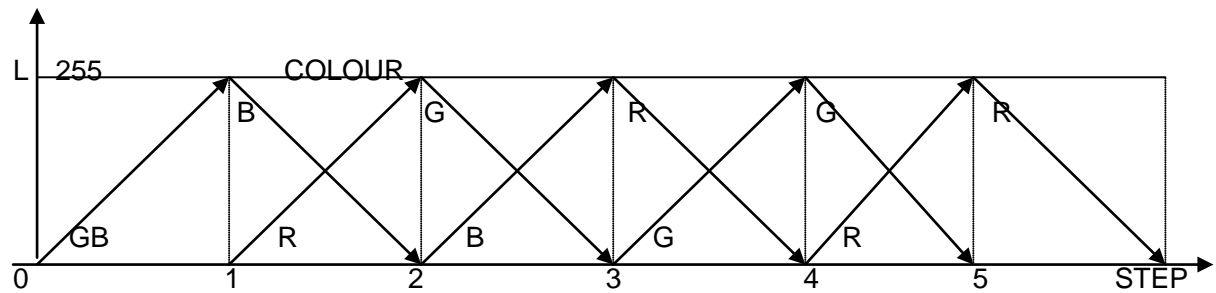## CHASE2:

Explanation: All the lamps chase with fade effect in-sync.
                The Color value reaches the top.
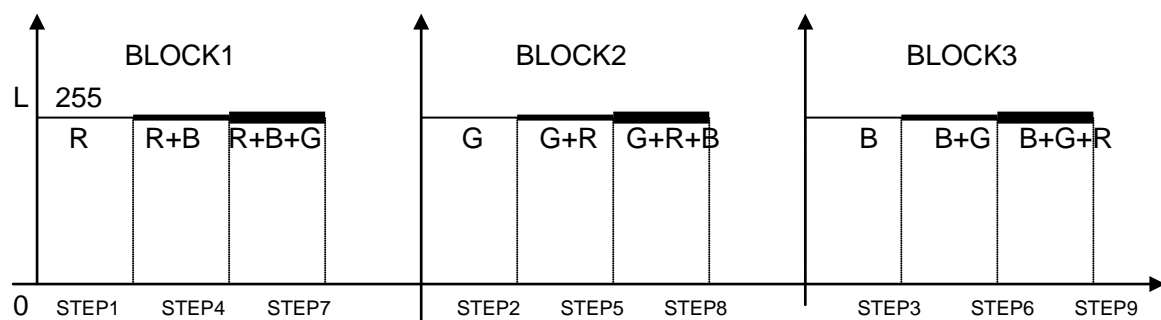
CHASE3:

Explanation: All the lamps chase with fade effect in-sync.
                The Color value reaches the top.
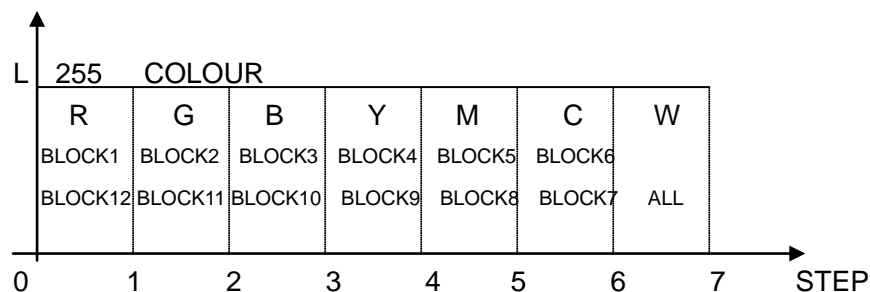
CHASE4:

Explanation: All the lamps chase with fade effect in-sync.
                The Color value reaches the top.

CHASE5:

Explanation: All the lamps are divided into 4 units named Block1, Block2, Block3 and Block4, 3 lamps per unit.

                No Fade Effect
                The Color value reaches the top.

CHASE6:

Explanation: No Fade Effect
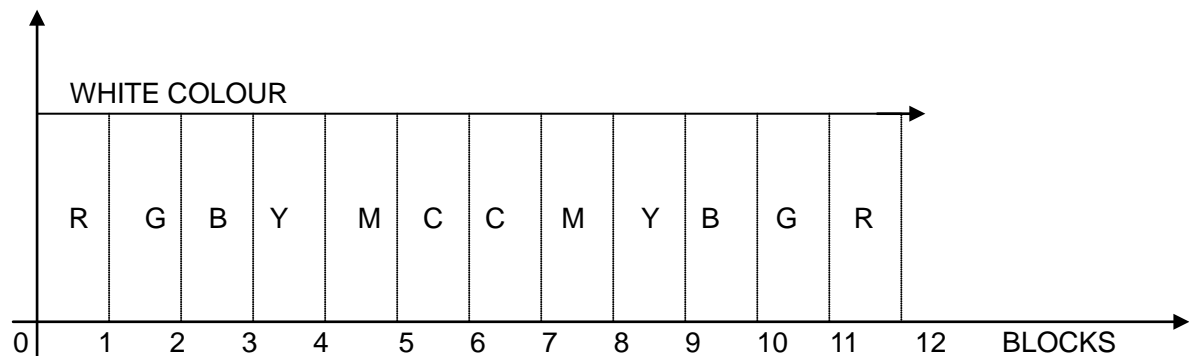   The Color value reaches the top.

CHASE7:

The perform program of each unit is the same with Chase2.

The only difference is 12 units do not run in-sync. There is one step lagging between every neighbor unit.

For example, the second unit begins to run when the first unit finishes its first step.and then the third unit begins to run when the second unit finishes its first step…
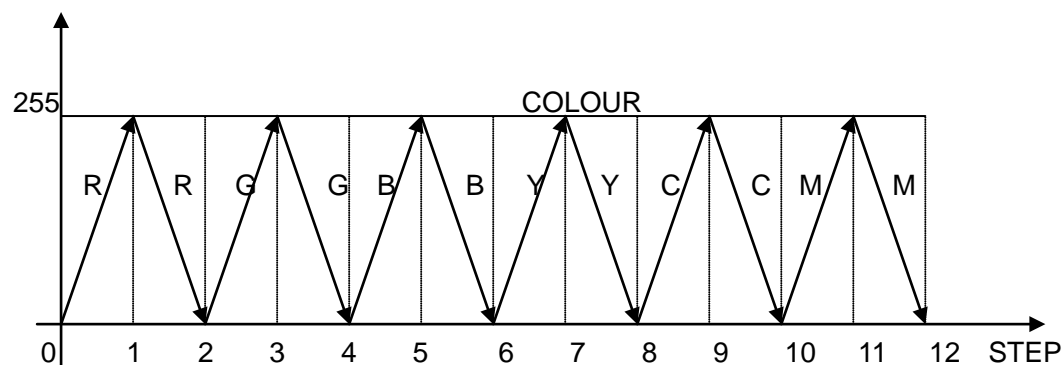
Fade Effect

CHASE8:

WHITE COLOUR

| R | G | B | Y | M | C | C | M | Y | B | G | R |

0　1　2　3　4　5　6　7　8　9　10　11　12　BLOCKS

Explanation:　Fist Full on , and then blackout .

White color lights up from Block1 to Block12. After White Color is out, the block is left with one other color as above shown.

All the lamps chase with fade effect in-sync.
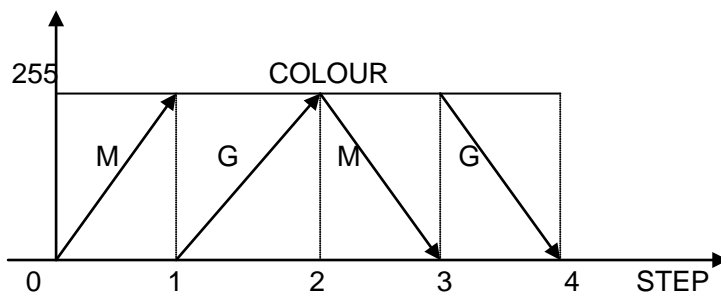
The Color value reaches the top.

CHASE9:

255

COLOUR

R　R　G　G　B　B　Y　Y　C　C　M　M

0　1　2　3　4　5　6　7　8　9　10　11　12　STEP

Explanation:　All the blocks chase with fade effect in-sync (Rainbow Color).

CHASE10:
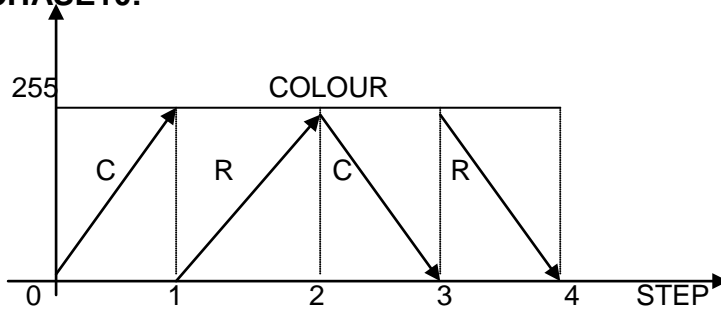
Explanation:　12 Blocks are divided into 3 units named Block1, Block2, and Block3, 4 lamps per unit.

The Blocks with Fade Effect do not run in-sync.

CHASE11:

Explanation: Every Block as above chart with fade do not run in-sync.

There is one step lagging between every neighbor unit.

For example, the second unit begins to run when the first unit finishes its first step.and then the third unit begins to run when the second unit finishes its first step…

CHASE12：
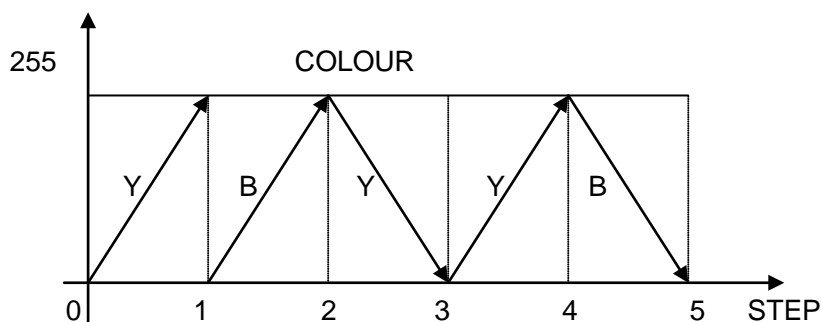
Explanation:　All the blocks chase with fade effect in-sync.

The Color value reaches the top.

9

CHASE13:

Explanation: All the blocks chase with fade effect in-sync.
            The Color value reaches the top.
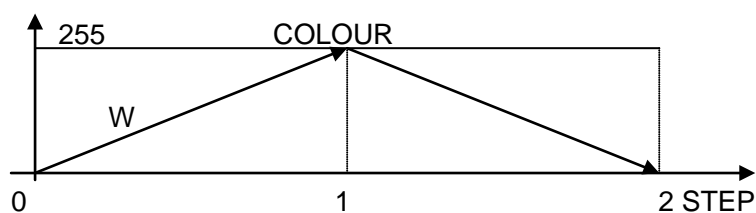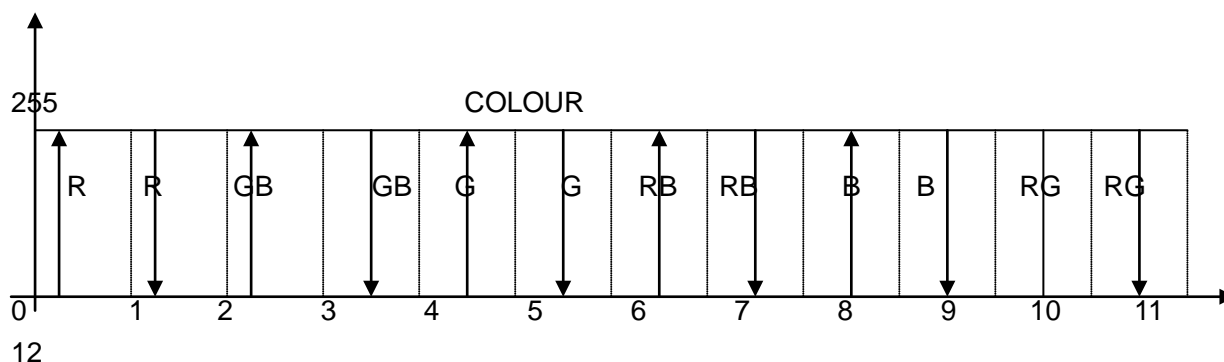
CHASE14:

Explanation: All the blocks chase without fade effect in-sync.
            The Color value reaches the top.

CHASE15:

AUTO RUN ALL   CHASE

In the Stand-Alone Mode or DMX Mode, if to change the Chase Value, the Chase performance will restart.

DMX Mode

Through Menu CE, you can select 4-Channel or 48 Channel Control.

➢ Built-in Chase Program or other settings are applied through DMX Controller in 4-Channel Control.

Channel 1	COLOUR
Channel 2	CHASE Selection
Channel 3	SPEED
Channel 4	Brightness

Channel DMX Value and Function
Channel 1：COLOUR   0~7

VALUE	0~15	16~31	32~47	48~63	64~79	80~95	96~111	112~127
COLOUR	BLACK	RED	GREEN	BLUE	YELLOW	CYAN	MAGENTA	WHITE

When DMX Value is more than 127, BLACK. is regained.

Channel 2：CHASE 0~15

VALUE	0~15	16~31	32~47	48~63	64~79	80~95	96~111	112~127
CHASE	0	1	2	3	4	5	6	7
VALUE	128~143	144~159	160~175	176~192	193~208	109~224	225~240	241~255
CHASE	8	9	10	11	12	13	14	15

Channel 3：SPEED 0~15

VALUE	0~15	16~31	32~47	48~63	64~79	80~95	96~111	112~127
SPEED	STOP	1	2	3	4	5	6	7
SPEED	128~143	144~159	160~175	176~192	193~208	109~224	225~240	241~255
CHASE	8	9	10	11	12	13	14	15

Channel 4：LEVEL 0~255

Control the chief brightness of all the lamps

In 48-Channel control , every 4 Channels control one lamp.

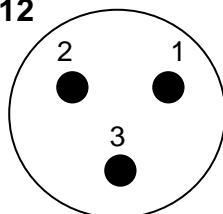| Channel 1	Red	Channel 2	Green
Channel 3	Blue	Channel 4	Brightness

● **DMX Instruction**

The pin designations for DMX512

Pin1 = Gnd
Pin2 = Dmx-
Pin3 = Dmx+

DMX Connection
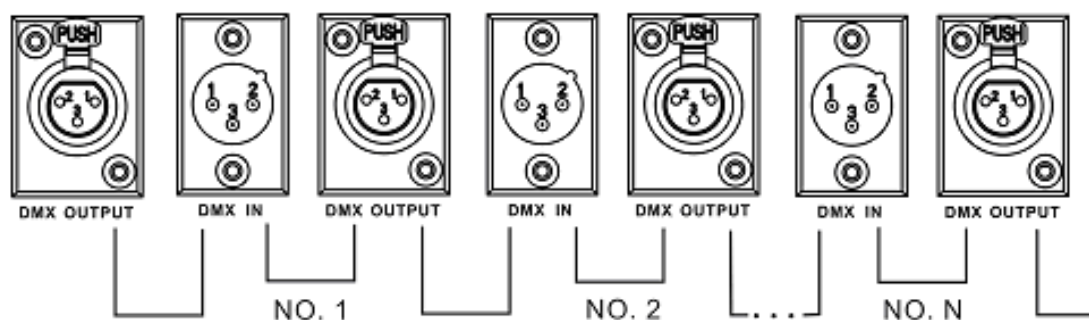
Packing List

A Set of SRL-6009C

    Lamps --12PCS
    Controller--1PC
User Manual--1PC